

REMARKS

Claims 43-68 are pending in this application. Claims 43, 53, 56 and 58-68 stand rejected. Claims 44-52, 55 and 57 stand objected to. Claims 49-55 and 57 have been amended. It is respectfully submitted that no new matter has been added. The Examiner's reconsideration of the rejection is respectfully requested in view of the above amendment and the following remarks.

Applicants gratefully acknowledge the Examiner's indication that claims 44-48 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claim.

DRAWING OBJECTIONS

The drawings are objected to for the reasons stated on page 2 of the Office Action. The Examiner states that "the limitations (1) a sealant disposed between the first panel and the second panel and overlapping the black matrix, the light transmitting portion disposed at the overlapping and (2) the connector and the first and the second signal lines are located out of the sealant (in claim 57) must be shown". Applicants respectfully disagree.

Applicants respectfully submit that at least FIGS. 8A, 10, 13, 14A-14C and 20 of the published present application disclose the above-claimed features. For example, in FIG. 20, the sealant (310) disposed between the first panel and the second panel and overlapping the black matrix (220), the light transmitting portion (571) disposed at the overlapping and the connector (470) and the first and the second signal lines (403, 503) are located out of the sealant (310).

Accordingly, withdrawal of the drawing objections is respectfully requested.

CLAIM OBJECTIONS

Claims 49-52 and 55 stand objected to for the reasons stated on page 3 of the Office Action. In response, claims 50-52 and 55 have been amended to address all the issues raised by the Examiner.

Accordingly, withdrawal of the claim objections is respectfully requested.

Claims 53, 54 and 57 stand objected to for the reasons stated on pages 3 and 4 of the Office Action. In response, claims 53 and 54 have been amended to address all the issues raised by the Examiner.

With regard to claim 57, the Examiner states that “the limitations are conflicted to each other: (1) a sealant disposed between the first panel and the second panel and overlapping the black matrix, the light transmitting portion disposed at the overlapping and (2) the connector and the first and second signal lines are located out of the sealant.” In response, applicants have amended claim 57 to include “in and out”. Furthermore, as above, at least, FIG. 20 and paragraphs [0162], [0163] and [0164] of the published present application disclose the above-claimed features.

Accordingly, withdrawal of the claim objections is respectfully requested.

REJECTIONS UNDER 35 U.S.C § 103

Claims 43, 53, 54, 56 and 58-68 stand rejected under 35 U.S.C § 103(a) as unpatentable over Park et al. (US 2001/0026345) in view of Suzuki et al. (US 2003/0218713).

Claims 43, 56 and 58 recite, *inter alia*, a first panel including a conductive member including a light transmitting portion. Applicants respectfully submit that neither Park, Suzuki, nor any combination thereof teaches or suggests the above-claimed feature.

The Examiner states that Park discloses “a first panel (120) including a conductive member (137) including a light transmitting portion”. See page 4 of the Office Action. Applicants respectfully disagree. In contrast, Park is completely silent on a light transmitting portion of the conductive member. For example, the conductive member (137) of Park is merely gate transmitting wires. See e.g., Figs. 5, 6 and 11 of Park. Furthermore, Suzuki does not cure the deficiency in this regard.

Accordingly, even assuming, *arguendo*, that Park and Suzuki were combined, the combination does not disclose or suggest a first panel including a conductive member including a light transmitting portion. Therefore, applicants respectfully submit that claims 43, 56, and 58 are patentable over Park in view of Suzuki.

Applicants respectfully submit that neither Park, Suzuki, nor any combination thereof teaches or suggests a conductive layer having a plurality of slits located at the overlapping and elongated along a signal transmission of the conductive layer, and the conductive layer comprising a connector for signal transmission between a data driving circuit and a gate driving circuit, as claimed in claim 65. For example, the present application discloses that “in order to reduce the increased resistance of the conductive layer 55 due to the introduction of the opening portion 571, the opening portion 571 includes a plurality of long slits elongated along an extension direction of the conductive

layer 55 as shown in FIG. 17, where the signals are transmitted the extension direction.”
See paragraph [0156] of the published present application.

Park does not disclose a conductive layer having a plurality of slits located at the overlapping and elongated along a signal transmission of the conductive layer. The Examiner states that Park discloses a conductive layer (137). However, the component (137) of Park is gate transmitting wires. The gate transmitting wires (137) do not have a plurality of slits, much less a plurality of slits elongated along a signal transmission of the conductive layer. See e.g., FIG. 5 of Park. Furthermore, Park is completely silent on the connector for signal transmission between a data driving circuit and a gate driving circuit.

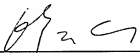
Suzuki does not cure the deficiency of Park in this regard.

Therefore, even assuming, *arguendo*, that Park and Suzuki were combined, the combination does not disclose or suggest a conductive layer having a plurality of slits located at the overlapping and elongated along a signal transmission of the conductive layer, and the conductive layer comprising a connector for signal transmission between a data driving circuit and a gate driving circuit. Thus, claim 65 is patentable over Park in view of Suzuki. Claims 53, 54, and 59-64 are patentable due to their dependency on claims 43 and 58, respectively. Claims 66-68 are patentable due to their dependency on claim 65.

Accordingly, withdrawal of the obviousness rejection of claims 43, 53, 54, 56 and 58-68 is respectfully requested.

For the foregoing reasons, the present application, including claims 43-68, is believed to be in condition for allowance. The Examiner's early and favorable action is respectfully requested. The Examiner is invited to contact the undersigned if he has any questions or comments in this matter.

Respectfully submitted,



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